

10/532939

Practitioner's Docket No. 7036933001-3221000  
 Honeywell Docket No. H0003967 US -4780

## CHAPTER II

Preliminary Classification:

Proposed Class:

Subclass:

**TRANSMITTAL LETTER  
TO THE UNITED STATES ELECTED OFFICE (EO/US)**

**(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)**

PCT/US03/34816	31 October 2003	02 November 2002
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION: GAS LAYER FORMATION MATERIALS

APPLICANT(S): Bo LI; De-Ling ZHOU; Ananth NAMAN; and Paul APEN

Mail Stop PCT  
 PO Box 1450  
 Alexandria, VA 22313-1450  
 ATTENTION: EO/US

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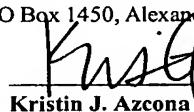
**CERTIFICATION UNDER 37 C.F.R. SECTION 1.10\***

*(Express Mail label number is mandatory.)*

*(Express Mail certification is optional.)*

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date **April 28, 2005**, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number **EV450344659US**, addressed to the: Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

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Kristin J. Azcona

**WARNING:** *Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. Section 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.*

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*"Since the filing of correspondence under [Section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.*

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JC14 Rec'd PCT/PTO 28 APR 2005

1. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. Section 371:

- a. This express request to immediately begin national examination procedures (35 U.S.C. Section 371(f)).
- b. The U.S. National Fee (35 U.S.C. Section 371(c)(1)) and other fees (37 C.F.R. Section 1.492) as indicated below:

2. Fees

CLAIMS FEE*	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALC-ULATIONS	
	TOTAL CLAIMS	20 -20 =	0	x \$50.00 =	\$0.00	
	INDEPENDENT CLAIMS	6 - 3 =	3	x \$200.00 =	\$600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00					\$0.00	
BASIC FEE	U.S. PTO WAS INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY Where an International preliminary examination fee as set forth in Section 1.482 has been paid on the international application to the U.S. PTO: and the international preliminary examination report states that the criteria of novelty, inventive step (non-obviousness) and industrial activity, as defined in PCT Article 33(2) to (4) have been satisfied for all the claims presented in the application entering the national stage (37 C.F.R. Section 1.492(a)(4)) ..... \$100.00					\$100.00
Total of above Calculations					= \$700.00	
SMALL ENTITY	Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed. (note 37 CFR Sections 1.9, 1.27, 1.28)					Not Applicable
	Subtotal					\$700.00
	Total National Fee					\$700.00
	Fee for recording the enclosed assignment document \$40.00 (37 C.F.R. Section 1.21(h)). See attached "ASSIGNMENT COVER SHEET".					\$0.00
TOTAL	Total Fees enclosed					\$700.00

\*See attached Preliminary Amendment Reducing the Number of Claims.

Please charge deposit account No. 502518 in the amount of \$700.00 to cover the above fees.

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3. A copy of the International application as filed (35 U.S.C. Section 371(c)(2)) is not required, as the application was filed with the United States Receiving Office.

4. A translation of the International application into the English language (35 U.S.C. Section 371(c)(2)) is not required as the application was filed in English.

5. Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. Section 371(c)(3)) are not transmitted herewith because there were no amendments filed.

6. A translation of the amendments to the claims under PCT Article 19 (38 U.S.C. Section 371(c)(3)) is not required as the amendments were made in the English language.

7. A copy of the international examination report (PCT/IPEA/409) is not required as the application was filed with the United States Receiving Office.

8. Annex(es) to the international preliminary examination report is/are not required as the application was filed with the United States Receiving Office.

9. A translation of the annexes to the international preliminary examination report is not required as the annexes are in the English language.

10. An oath or declaration of the inventor (35 U.S.C. Section 371(c)(4)) complying with 35 U.S.C. Section 115 is not submitted and such oath or declaration will be submitted at a later date.

II. Other document(s) or information included:

11. An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a) is not required, as the application was searched by the United States International Searching Authority.

12. An Information Disclosure Statement under 37 C.F.R. Sections 1.97 and 1.98 will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. Section 371(c).

13. Additional documents:

- a. Copy of request (PCT/RO/101)
- b. First page of WIPO WO2004/041972
- c. Preliminary Amendment with new claims 1-20

14. The above items are being transmitted before 30 months from any claimed priority date.

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**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the entire pendency of this application to Account No.: 502518.

37 C.F.R. Section 1.492(a)(1), (2), (3), and (4) (filing fees)

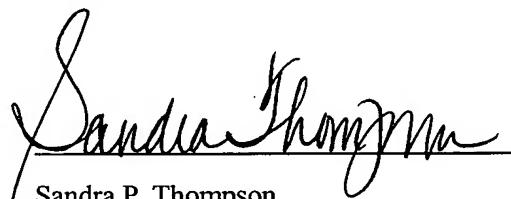
37 C.F.R. Section 1.492(b), (c), and (d) (presentation of extra claims)

37 C.F.R. Section 1.17 (application processing fees)

37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a))

37 C.F.R. Section 1.492(e) and (f) (surcharge fees for filing the declaration and/or filing an English translation of an International Application later than 20 months after the priority date).

Date: April 27, 2005



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Please acknowledge receipt of the following by affixing hereon the Official date stamp  
and returning this card to our office.

JC14 Rec'd PCT/PTO 28 APR 2005

Title: U.S. National Phase Application  
Inventor: Gas Layer Formation Materials  
Bo Li, et al.  
Filing Date: October 31, 2003  
Serial Number: PCT/US03/34816  
Matter Type: Patent - US  
Date of Deposit: April 28, 2005  
Matter #: 7036933001-3221000  
Enclosures: (1) Transmittal (4 pages); (2) Copy of First Page of WIPO (1 page); (3) Copy of PCT Request (7 pages); (4) Preliminary Amendment (8 pages); and (5) postcard.

DATE MAILED: 4/27/05 SBU: 4780  
PATENT APPLICATION FOR gas layer formation materials

INVENTOR(S): Li et al.

THE FOLLOWING HAS BEEN RECEIVED IN THE U.S. PATENT AND TRADEMARK OFFICE  
ON THE DATE STAMPED HEREON:

Transmittal Cover Sheet U.S. National Phase  
 Patent Application Basic Fee: \$ 700.  
 page(s) specifications Claims in excess of 20: \$ \_\_\_\_\_  
 page(s) claims Independent Claims in excess of 3: \$ \_\_\_\_\_  
 page(s) abstract Multiple Independent Claim: \$ \_\_\_\_\_  
 sheet(s) of drawings  formal  informal  
 Declaration/Power of Attorney  executed  unexecuted  
 Assignment and Cover Sheet; \$ \_\_\_\_\_  
 Information Disclosure Statement  Form PTO 1449 with \_\_\_\_\_ References  
 Preliminary Amendment (1 page(s))  
 Total fees charged to Deposit Account No. 01-1125: \$ \_\_\_\_\_

OTHER \_\_\_\_\_  
Attorney Docket No.: 10003467 US Attorney: S. Jacobson  
Outside Counsel: Bingham